

2016

DRIVE YOUR COUNTY TO THE
TOP TEN

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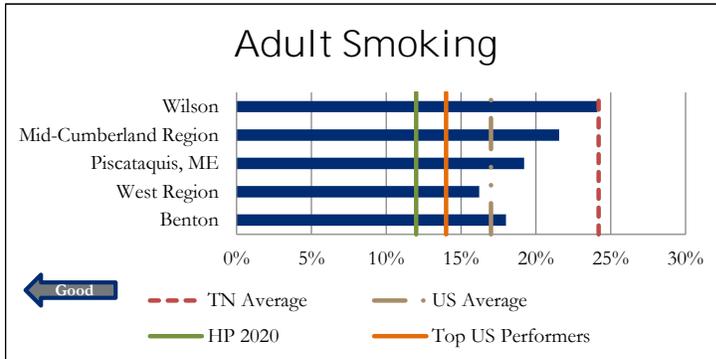
Benton County

TN

Department of
Health

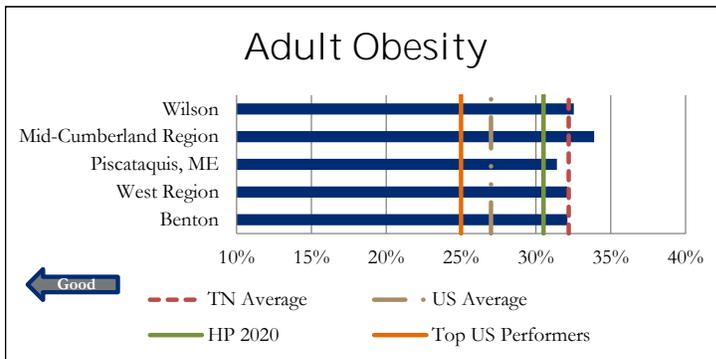
Demographics

Population:	16,145	<18 YOA:	19.76%	65+ YOA:	22.49%	% Rural:	78.50%
Unemployment:	8.95%	% Females:	50.50%	% Males:	49.50%	Graduation Rate:	87.50%
Single parent households:	34.15%	MHI:	\$34,382				



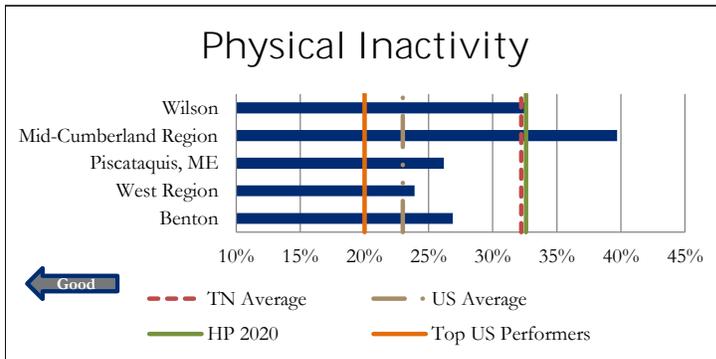
Top Third

Measure	Value
Excessive Drinking	10.60%
Driving Alone to Work	81.04%
Diabetic Monitoring	89.12%
Social Associations	15.35
Violent Crime	249.53
Low Birthweight	7.84%



Middle Third

Measure	Value
Long Commute - Driving Alone	31.80%
Income Inequality	4.52
Alcohol-Impaired Driving Deaths	28.13%
Sexually Transmitted Infections	287.27
Severe Housing Problems	14.08%
Preventable Hospital Stays	78.02
Mental Health Providers	3229:1
Food Environment Index	6.80
Access to Exercise Opportunities	42.76%
Adult Obesity	33.90%



Bottom Third

Measure	Value
Air Pollution - Particulate Matter	14.78
Injury Deaths	128.06
Teen Births	61.50
Mammography Screening	51.00%
Premature Death	12165.70
Physical Inactivity	39.70%
Primary Care Physicians	5430:1
Children in Poverty	33.00%
Poor Mental Health Days	4.90
Dentists	5382:1



Tennessee's Big 3 + 1

Why were these charts selected? The "Big 3 + 1" directly influences at least six of the top ten leading causes of death in Tennessee, and also directly influence other public health threats, such as heart disease, cancer, and diabetes. Overall, the Big Three plus One influences two-thirds of the factors that contribute to Tennessee's overall rank.

Comparative Counties:

Each graph provides the Tennessee county with its respective region and three non-Tennessee comparative counties from around the US based on county-level demographics. The vertical lines represent: the TN Average, the US Average, Top US Performers (top 10%) and the Healthy People 2020 (HP) Goal. For all measures a decrease (shift left) in percentage represents improvement.

YOA: Years of Age. MHI: Median Household Income. HP 2020: Healthy People 2020 Goal. Adult Smoking: Percentage of adults who are current smokers. Source: Behavioral Risk Factor Surveillance System; 2006-2012. Adult Obesity: Percentage of adults that report a BMI of 30 or more. Source: CDC Diabetes Interactive Atlas; 2011. Physical Inactivity: Percentage of adults aged 20 and over reporting no leisure-time physical activity. Source: CDC Diabetes Interactive Atlas; 2011. Prepared by the Division of Administrative Services, Tennessee Department of Health. Nashville, TN. admin.health@tn.gov or 615-741-5001.

Health Outcomes	Length of Life	Premature Death								
		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		86	Knox	12165.70	7735.80	4429.90	↑Bad ↓Good	6,600.00	Cheboygan, MI	6664.50
		For every 100 people in the county, 1 people in the county need to live one year closer to age 75.							Rabun, GA	7425.60
		Source		National Center for Health Statistics - Mortality files			Year(s)	2011-2013	Piscataquis, ME	7182.30
Health Outcomes	Quality of Life	Poor or Fair Health*								
		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		67	Rutherford	23.30%	19.60%	3.70%	↑Bad ↓Good	18.00%	Cheboygan, MI	14.30%
		Improve the health of 4 out of every 100 people in the county who, in general, report being in poor or fair health.							Rabun, GA	17.10%
		Source		Behavioral Risk Factor Surveillance System			Year(s)	2014	Piscataquis, ME	15.70%
		Percentage of adults reporting fair or poor health (age-adjusted)								
	Quality of Life	Poor Physical Health Days*								
		Rank	5th Ranked	Value	5th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		69	Knox	5.00	4.30	0.70	↑Bad ↓Good	3.8	Cheboygan, MI	3.70
		Engage people in the county on ways to reduce number of poor physical health days reported by residents by 1 days per month.							Rabun, GA	4.00
		Source		Behavioral Risk Factor Surveillance System			Year(s)	2014	Piscataquis, ME	4.00
		Average number of physically unhealthy days reported in past 30 days (age-adjusted)								
Quality of Life	Poor Mental Health Days*									
	Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value	
	76	Williamson	4.90	3.80	1.10	↑Bad ↓Good	2.8	Cheboygan, MI	3.90	
	Engage people in the county on ways to reduce number of poor physical health days reported by residents by 2 days per month.							Rabun, GA	4.00	
	Source		Behavioral Risk Factor Surveillance System			Year(s)	2014	Piscataquis, ME	4.10	
	Average number of mentally unhealthy days reported in past 30 days (age-adjusted)									
Quality of Life	Low Birthweight									
	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value	
	18	Pickett	7.84%	7.24%	0.60%	↑Bad ↓Good	8.00%	Cheboygan, MI	5.20%	
	Reduce the number of low birth weight babies by 1 for every 100 live births.							Rabun, GA	8.51%	
	Source		National Center for Health Statistics - Natality files			Year(s)	2007-2013	Piscataquis, ME	5.97%	
	Percentage of live births with low birthweight (< 2500 grams)									
Health Factors	Health Behaviors	Adult Smoking*								
		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		64	Humphreys	24.10%	21.10%	3.00%	↑Bad ↓Good	17.00%	Cheboygan, MI	18.00%
		Get 13 out of every 100 current adult smokers in the county to quit smoking.							Rabun, GA	16.20%
		Source		Behavioral Risk Factor Surveillance System			Year(s)	2014	Piscataquis, ME	19.20%
		Percentage of adults who are current smokers								
	Health Behaviors	Adult Obesity								
		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		63	Hamilton	33.90%	29.90%	4.00%	↑Bad ↓Good	27.00%	Cheboygan, MI	32.10%
		Get 12 out of every 100 current obese adults in the county to reduce their BMI below 30.							Rabun, GA	32.10%
		Source		CDC Diabetes Interactive Atlas			Year(s)	2012	Piscataquis, ME	31.40%
		Percentage of adults that report a BMI of 30 or more								
Health Behaviors	Food Environment Index									
	Rank	5th Ranked	Value	5th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value	
	58	Cannon	6.80	7.9	1.1	↑Good ↓Bad	7.20	Cheboygan, MI	7.00	
	Increase the county's food index score by 1.1.							Rabun, GA	7.60	
	Source		USDA Food Environment Atlas, Map the Meal Gap			Year(s)	2013	Piscataquis, ME	7.10	
	Index of factors that contribute to a healthy food environment, 0 (worst) to 10 (best)									

Prepared by the Division of Administrative Services, Tennessee Department of Health, Nashville, TN. May 2016. admin.health@tn.gov or 615-741-9398. The full report can be accessed at: <http://tn.gov/health/topic/specialreports>. All data is from the University of Wisconsin Population Health Institute and Robert Wood Johnson Foundation's, 2015 County Health Rankings and Roadmaps report. Difference statements represent the absolute value using the following formula: ["Value" - "10th Ranked Value"]. *The action statements are based on the assumption that no new additional cases occur. **Data should not be compared with prior years due to changes in definition/methods. All rankings and action statements presented in this report must be interpreted with caution due to various limitations of each measurement. Further information with regards to the strengths and limitations of each measurement may be found by clicking the hyperlink found in the description of each measurement.

Health Factors		Health Behaviors		Physical Inactivity							Peer County		Peer Value	
				Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
Percentage of adults aged 20 and over reporting no leisure-time physical activity		86	Shelby	39.70%	30.20%	9.50%	↑Bad ↓Good	23.00%	Cheboygan, MI	26.90%				
		Get 24 out of every 100 currently physically inactive adults to exercise during leisure time.							Rabun, GA	23.90%				
		Source			CDC Diabetes Interactive Atlas			Year(s)	2012	Piscataquis, ME	26.20%			
		Access to Exercise Opportunities		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
Percentage of population with adequate access to locations for physical activity		59	Loudon	42.76%	78.48%	35.72%	↑Good ↓Bad	84.00%	Cheboygan, MI	77.57%				
		Consider how to remove barriers to access exercise locations to reach an additional 35.72 percent of the county's population.							Rabun, GA	100.00%				
		Source			Business Analyst, Delorme, ESRI, & US Census Tigerline Files			Year(s)	2010 & 2014	Piscataquis, ME	47.05%			
Percentage of adults reporting binge or heavy drinking		Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value				
		10	Haywood	10.60%	8.90%	1.70%	↑Bad ↓Good	17.00%	Cheboygan, MI	18.40%				
		Get 17 out of every 100 adults in the county that currently drink to excess (binge and heavy drinkers) to stop drinking more than one (women) or two (men) drinks per day on average.							Rabun, GA	13.90%				
		Source			Behavioral Risk Factor Surveillance System			Year(s)	2014	Piscataquis, ME	16.00%			
Percentage of driving deaths with alcohol involvement		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value				
		43	Sullivan	28.13%	19.17%	8.96%	↑Bad ↓Good	31.00%	Cheboygan, MI	55.00%				
		Reduce the number of alcohol related driving deaths by 8.96 percent.							Rabun, GA	31.25%				
		Source			Fatality Analysis Reporting System			Year(s)	2010-2014	Piscataquis, ME	22.22%			
Number of newly diagnosed chlamydia cases per 100,000 population		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value				
		48	Overton	287.27	153.22	134.05	↑Bad ↓Good	446.60	Cheboygan, MI	154.83				
		Consider ways to educate 5 out of every 10 persons self-reporting to be involved in any sexual contact to commit to using safe sex practices to prevent the infection of Chlamydia.							Rabun, GA	128.86				
		Source			National Center for HIV/AIDS, Viral Hepatitis, STD, & TB Prevention			Year(s)	2013	Piscataquis, ME	150.38			
Teen birth rate per 1,000 female population, ages 15-19		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value				
		87	Putnam	61.50	34.87	26.63	↑Bad ↓Good	35.00	Cheboygan, MI	32.56				
		For every 100 teenage females (ages 15 to 19 years) in the county, consider ways to prevent 44 teen(s) from becoming pregnant.							Rabun, GA	42.52				
		Source			National Center for Health Statistics - Natality files			Year(s)	2007-2013	Piscataquis, ME	29.60			
Percentage of population under age 65 without health insurance		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value				
		74	Cheatham	18.01%	14.54%	3.47%	↑Bad ↓Good	17.00%	Cheboygan, MI	17.47%				
		Get 20 out of every 100 currently uninsured adults ages 18-64 to obtain health insurance.							Rabun, GA	29.69%				
		Source			Small Area Health Insurance Estimates			Year(s)	2013	Piscataquis, ME	16.32%			
Ratio of population to primary care physicians		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value				
		82	Coffee	5430:1	1368:1	4062	↑Bad ↓Good	1320:1	Cheboygan, MI	1838:1				
		To reach a population-to-provider ratio at or exceeding that of the 10th ranking county, 67 primary care providers would need to be recruited to the county. More importantly, if the county's value is greater than 3,500, this county would be considered a Health Professional Shortage Area.							Rabun, GA	1804:1				
		Source			Area Health Resource File/American Medical Association			Year(s)	2013	Piscataquis, ME	1007:1			
Ratio of population to dentists		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value				
		76	Dickson	5382:1	1744:1	3638	↑Bad ↓Good	1540:1	Cheboygan, MI	2140:1				
		To reach a population-to-provider ratio at or exceeding that of the 10th ranking county, 48 dental care providers would need to be recruited to the county. More importantly, if the county's value is greater than 5,000, this county would be considered a Health Professional Shortage Area.							Rabun, GA	2707:1				
		Source			Area Health Resource File/National Provider Identification file			Year(s)	2014	Piscataquis, ME	3405:1			

Health Factors	Clinical Care	Mental Health Providers	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		Ratio of population to mental health providers	56	Henry	3229:1	644:1	2585	↑Bad ↓Good	490:1	Cheboygan, MI	2140:1
To reach a population-to-provider ratio at or exceeding that of the 10th ranking county, 152 mental health providers would need to be recruited to the county. More importantly, if the county's value is greater than 30,000, this county would be considered a Health Professional Shortage Area.									Rabun, GA	625:1	
	Source	CMS, National Provider Identification file			Year(s)	2015		Piscataquis, ME	532:1		
Preventable Hospital Stays	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	52	Anderson	78.02	50.27	27.75	↑Bad ↓Good	54.00	Cheboygan, MI	49.01		
Number of hospital stays for ambulatory-care sensitive conditions per 1,000 Medicare enrollees	For every 100 Medicare enrollees, prevent 1 Medicare enrollees from being hospitalized for ambulatory-care sensitive conditions.									Rabun, GA	61.82
	Source	Dartmouth Atlas of Health Care			Year(s)	2013		Piscataquis, ME	67.24		
Diabetic Monitoring	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	14	Giles	89.12%	89.20%	0.08%	↑Good ↓Bad	63.00%	Cheboygan, MI	88.36%		
Percentage of diabetic Medicare enrollees ages 65-75 that receive HbA1c monitoring	For every 100 diabetic Medicare enrollees, get 1 additional Medicare enrollees to receive HbA1c screening.									Rabun, GA	73.37%
	Source	Dartmouth Atlas of Health Care			Year(s)	2013		Piscataquis, ME	89.37%		
Mammography Screening	Rank	5th Ranked	Value	5th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	87	Cumberland	51.00%	71.00%	20.00%	↑Good ↓Bad	63.00%	Cheboygan, MI	71.00%		
Percentage of female Medicare enrollees ages 67-69 that receive mammography screening	For every 100 female Medicare enrollees, get 20 additional Medicare enrollees to receive their mammography screening.									Rabun, GA	57.00%
	Source	Dartmouth Atlas of Health Care			Year(s)	2013		Piscataquis, ME	74.00%		
High School Graduation	Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	70	Tipton	87.50%	98.00%	10.50%	↑Good ↓Bad	82.00%	Cheboygan, MI	84.49%		
Percentage of ninth-grade cohort that graduates in four years	For every 100 ninth graders, assist 11 additional ninth graders to graduate within four years.									Rabun, GA	82.50%
	Source	EDFacts			Year(s)	2012-2013		Piscataquis, ME	NA		
Some College	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	69	Shelby	39.58%	62.28%	22.71%	↑Good ↓Bad	64.00%	Cheboygan, MI	52.71%		
Percentage of adults ages 25-44 years with some post-secondary education	For every 100 adults between 25-44 years of age, assist 23 additional adults to complete some coursework at the collegiate level.									Rabun, GA	44.58%
	Source	American Community Survey			Year(s)	2010-2014		Piscataquis, ME	53.14%		
Unemployment	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	74	Robertson	8.95%	5.69%	3.26%	↑Bad ↓Good	6.20%	Cheboygan, MI	10.45%		
Percentage of population ages 16 and older unemployed but seeking work	For every 100 persons ages 16 years and older, help 4 persons successfully find employment.									Rabun, GA	8.34%
	Source	Bureau of Labor Statistics			Year(s)	2014		Piscataquis, ME	7.49%		
Children in Poverty	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	78	Dickson	33.00%	21.10%	11.90%	↑Bad ↓Good	22.00%	Cheboygan, MI	28.30%		
Percentage of children under age 18 in poverty	For every 100 children (under 18 years) in poverty, help 37 children to find assistance to get out of poverty.									Rabun, GA	33.10%
	Source	Small Area Income and Poverty Estimates			Year(s)	2014		Piscataquis, ME	29.80%		
Income Inequality	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	37	Houston	4.52	4.11	0.41	↑Bad ↓Good	4.70	Cheboygan, MI	3.94		
Ratio of household income at the 80th percentile to income at the 20th percentile	To reach a household income ratio at or below that of the 10th ranking county reduce the gap between the 80th percentile and 20th percentile by 1 household(s).									Rabun, GA	5.88
	Source	American Community Survey			Year(s)	2010-2014		Piscataquis, ME	4.28		
Social & Economic Factors	High School Graduation	Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value	
		70	Tipton	87.50%	98.00%	10.50%	↑Good ↓Bad	82.00%	Cheboygan, MI	84.49%	

Health Factors	Social & Economic Factors	Children in Single-Parent Households								
		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		64	Lawrence	34.15%	23.36%	10.78%	↑Bad ↓Good	34.00%	Cheboygan, MI	31.94%
		For every 100 single parent households in the county, investigate ways to encourage 32 households to be a multi-parent household.							Rabun, GA	33.54%
		Source		American Community Survey		Year(s)		2010-2014	Piscataquis, ME	39.01%
		Percentage of children that live in a household headed by single parent								
Health Factors	Social & Economic Factors	Social Associations								
		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		16	Johnson	15.35	16.13	0.78	↑Good ↓Bad	9.00	Cheboygan, MI	13.22
		For every 100 people in the county, increase the number of membership associations by 1.							Rabun, GA	20.33
		Source		County Business Patterns		Year(s)		2013	Piscataquis, ME	13.43
		Number of membership associations per 10,000 population								
Health Factors	Social & Economic Factors	Violent Crime								
		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		17	Carter	249.53	206.33	43.20	↑Bad ↓Good	392.00	Cheboygan, MI	134.24
		For every 100 persons in the county, prevent 18 people from committing a violent crime.							Rabun, GA	114.49
		Source		Uniform Crime Reporting - FBI		Year(s)		2010-2012	Piscataquis, ME	171.43
		Number of reported violent crime offenses per 100,000 population								
Health Factors	Social & Economic Factors	Injury Deaths								
		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		91	Washington	128.06	70.04	58.02	↑Bad ↓Good	60.00	Cheboygan, MI	64.63
		For every 1,000 population consider ways to prevent 454 deaths as a result of intentional and unintentional injury.							Rabun, GA	100.77
		Source		CDC WONDER mortality data		Year(s)		2009-2013	Piscataquis, ME	69.12
		Number of deaths due to injury per 100,000 population								
Health Factors	Social & Economic Factors	Air Pollution - Particulate Matter								
		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		93	Greene	14.78	13.14	1.64	↑Bad ↓Good	11.40	Cheboygan, MI	10.98
		Reduce the average daily measure of fine particulate matter by 1.64 micrograms per cubic meter (PM2.5).							Rabun, GA	13.29
		Source		CDC WONDER Environmental data		Year(s)		2011	Piscataquis, ME	10.3
		Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5)								
Health Factors	Physical Environment	Drinking Water Violations								
		Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		No Rank	NA	No	No	NA	NA	NA	Cheboygan, MI	No
		There were no health-based drinking water violations.							Rabun, GA	No
		Source		Safe Drinking Water Information System		Year(s)		FY2013-14	Piscataquis, ME	No
		Percentage of population potentially exposed to water exceeding a violation limit during the past year								
Health Factors	Physical Environment	Severe Housing Problems								
		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		49	Unicoi	14.08%	11.70%	2.38%	↑Bad ↓Good	19.00%	Cheboygan, MI	15.23%
		For every 100 persons in the county experiencing housing problems, help 17 person(s) to find housing assistance.							Rabun, GA	19.61%
		Source		Comprehensive Housing Affordability Strategy (CHAS) data		Year(s)		2008-2012	Piscataquis, ME	14.62%
		Percentage of households with at least 1 of 4 housing problems: overcrowding, high housing costs, or lack of kitchen or plumbing facilities								
Health Factors	Physical Environment	Driving Alone to Work								
		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		13	Grundy	81.04%	80.27%	0.77%	↑Bad ↓Good	76.00%	Cheboygan, MI	79.96%
		For every 100 persons that currently drive alone to work, convince 1 to carpool or take mass-transportation.							Rabun, GA	77.85%
		Source		American Community Survey		Year(s)		2010-2014	Piscataquis, ME	80.96%
		Percentage of the workforce that drives alone to work								
Health Factors	Physical Environment	Long Commute - Driving Alone								
		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		33	Hamilton	31.80%	25.20%	6.60%	↑Bad ↓Good	31.00%	Cheboygan, MI	32.90%
		For every 100 persons that currently drive more than 30 minutes alone to work, convince 21 to carpool or take mass-transportation.							Rabun, GA	21.10%
		Source		American Community Survey		Year(s)		2010-2014	Piscataquis, ME	30.80%
		Among workers who commute in their car alone, the percentage that commute more than 30 minutes								